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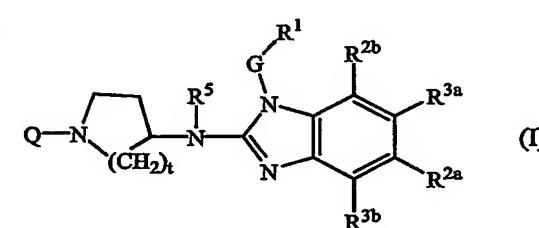
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(Continued on next page)

(54) Title: PIPERIDINE-AMINO-BENZIMIDAZOLE DERIVATIVES AS INHIBITORS OF RESPIRATORY SYNCYTIAL VIRUS REPLICATION



(57) Abstract: The present invention concerns piperidine-amino-benzimidazoles having inhibitory activity on the replication of the respiratory syncytial virus and having the formula (1) their prodrugs, N-oxides, addition salts, quaternary amines, metal complexes and stereochemically isomeric forms wherein Q is C_{1-6} alkyl optionally substituted with trifluoromethyl, C_{3-7} cycloalkyl, Ar^2 , hydroxy, C_{1-4} alkoxy, C_{1-4} alkylthio, Ar^2 -oxy-, Ar^2 -thio-, $Ar^2(CH_2)_n$ oxy, $Ar^2(CH_2)_n$ thio, hydroxycarbonyl, aminocarbonyl, C_{1-4} alkylcarbonyl, Ar^2 carbonyl, C_{1-4} alkoxycarbonyl, $Ar^2(CH_2)_n$ carbonyl, aminocarbonyloxy, C_{1-4} alkylcarbonyloxy, Ar^2 carbonyloxy, $Ar^2(CH_2)_n$ carbonyloxy, C_{1-4} alkoxy carbonyl($CH_2)_n$ oxy, mono- or di(C_{1-4} alkyl)aminocarbonyl, mono- or di(C_{1-4} alkyl)-aminocarbonyloxy, aminosulfonyl, mono-odi(C_{1-4} alkyl)aminosulfonyl or a heterocycles selected from the group consisting of pyrrolidinyl, pyrrolyl, dihydropyrrolyl, imidazolyl, triazolyl, piperidinyl, homopiperidinyl, piperazinyl, morpholinyl, thiomorpholinyl, 1-oxo-thiomorpholinyl, 1,1-dioxothiomorpholinyl, pyridyl and tetrahydropyridyl, wherein each of said heterocycle may optionally be substituted with oxo or C_{1-6} alkyl; G is a direct bond or optionally substituted C_{1-10} loalkanediyl; R^1 is Ar^1 or a monocyclic or bicyclic heterocycle; one of R^{2a} and R^{3a} is C_{1-6} salkyl and the other one of R^{2a} and R^{3a} is hydrogen; in case R^{2a} is different from hydrogen then R^{2b} is hydrogen or C_{1-6} alkyl, and R^{3b} is hydrogen; in case R^{3a} is different from hydrogen then R^{3b} is hydrogen or C_{1-6} alkyl, and R^{2b} is hydrogen; t is 1, 2 or 3; Ar^1 is phenyl or substituted phenyl; and Ar^2 is phenyl or substituted phenyl. It further concerns their preparation and compositions comprising them, as well as their use as a medicine.

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